JC03 Rec'd PCT/PTO 17 OCT 2007

PTO/SB/21 (09-04) Application Number 10/533,843 **TRANSMITTAL** Filing Date May 4, 2005 **FORM** First Named Inventor Hagen, Frederick S. Art Unit Unassigned **Examiner Name** Unassigned (to be used for all correspondence after initial filing) Attorney Docket Number 017881-001110US Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please identify **Extension of Time Request Terminal Disclaimer** below): Response to Notification to Comply with **Express Abandonment Request** Request for Refund Sequence Listing Requirements of 37 CFR §§ 1.822 and/or 1.823; CRF of Sequence Information Disclosure Statement CD, Number of CD(s) Listing (1 diskette); copy of Notification, and Raw Sequence Listing Error Report (3 pgs.); Landscape Table on CD and Return Postcard The Commissioner is authorized to charge any additional fees to Deposit Remarks Certified Copy of Priority Account 20-1430. Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Townsend and Townsend and Crew LLP Signature Printed name Brian W. Poor Reg. No. Date 11 October 32,928 2005 CERTIFICATE OF TRANSMISSION/MAILING

	e United States Postal Service with sufficient postage as first class mail in an Alexandria, VA 22313-1450 on the date shown below.
Simple	

Date

11 Oct. 2005

60605549 v1

Typed or printed name

Signature



COPY UNITED STATES PATENT AND TRADEMARK OFFICE

017881-001110US PWP, SELOACE, SE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS POR PR 1450

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/533,843

Frederick S Hagen

017881-001110US

INTERNATIONAL APPLICATION NO. PCT/US03/35289

PC1/US03/33

PRIORITY DATE

11/04/2003

11/04/2002

20350 TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834

Response Due_

Date Mailed: 09/16/2005

CONFIRMATION NO. 7354

371 FORMALITIES LETTER

OC000000017016314

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of
the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as
indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a
substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content
of the sequence listing information recorded in computer readable form is identical to the written (on paper
or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR
1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

ARC

SING Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

5-12-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 4.2.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street. Alexandria, VA 22314

Revised 01/24/05



DATE: 05/12/2005

PCT

PATENT APPLICATION: US/10/533,843 TIME: 08:05:58 Input Set : A:\PTO.DA.txt Output Set: N:\CRF4\05122005\J533843.raw 1 <110> APPLICANT: HAGEN, Frederick S. <120> METHODS FOR THE IDENTIFICATION OF AGENTS THAT MODULATE THE STRUCTURE AND 3 <130> FILE REFERENCE: 017881-001110US<140> -> 0 <120> TITLE INVENTION: 4 <140> CURRENT APPLICATION NUMBER: US/10/533,843 4 <141> CURRENT FILING DATE: 2005-05-04 0 <160> NUMBER OF SEQ ID NOS: 5 <170> SOFTWARE: PatentIn version 3.1<210> 1<211> 8<212> PRT<213> Artificial 5.00 5.35 -> 14 <210> SEQ ID NO: 2<211> 11<212> PRT<213> Artificial Sequence<220> -> 16 <211> LENGTH: -> 16 <212> TYPE: -> 16 <213> ORGANISM: 16 <400> SEQUENCE: 2 18 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn 10 -> 22 <210> SEQ ID NO: 3<211> 14<212> PRT<213> Artificial Sequence<220><223> v5 epitope -> 24 <211> LENGTH: -> 24 <212> TYPE: -> 24 <213> ORGANISM: 24 <400> SEQUENCE: 3 26 Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr -> 30 <210> SEQ ID NO: 4<211> 8<212> PRT<213> Artificial Sequence<220><223> FLAG tag -> 32 <211> LENGTH: -> 32 <212> TYPE: -> 32 <213> ORGANISM: 32 <400> SEQUENCE: 4 34 Asp Tyr Lys Asp Asp Asp Lys -> 38 <210> SEQ ID NO: 5<211> 5<212> PRT<213> Artificial Sequence<220><223> Factor Xa

RAW SEQUENCE LISTING

://C:\CRF4\Outhold\VsrJ533843.htm

-> 39 restriction cleavage amino acid sequence

-> 41 <220> FEATURE: <221> MISC_FEATURE<222> (5)..(5)<223> X=any amino acid

RORED SEQUENCES

19 1

35 1

46 1

-> 43 <211> LENGTH: -> 43 <212> TYPE:

-> 43 <213> ORGANISM: 43 <400 > SEQUENCE: 5 45 Ile Glu Gly Arg Xaa

Was used to create the al Submitted to le Contact Mark Spence

5/12/05